

State of California  
Business, Transportation and Housing Agency  
Department of Transportation

HIGHWAY FINANCIAL MATTERS  
Allocations for Supplemental Funds  
Resolution: FA-01-05

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CTC Meeting: December 12-13, 2001

Agenda Item: 2.5e



  
ROBERT L. GARCIA  
Chief Financial Officer  
December 1, 2001

**ALLOCATION FOR ADDITIONAL FUNDS  
FOR PREVIOUSLY APPROVED PROJECTS**

**RESOLUTION FA-01-05**

**RECOMMENDATION**

The Department recommends that the California Transportation Commission (Commission) approve the following Resolution.

**FINANCIAL RESOLUTION**

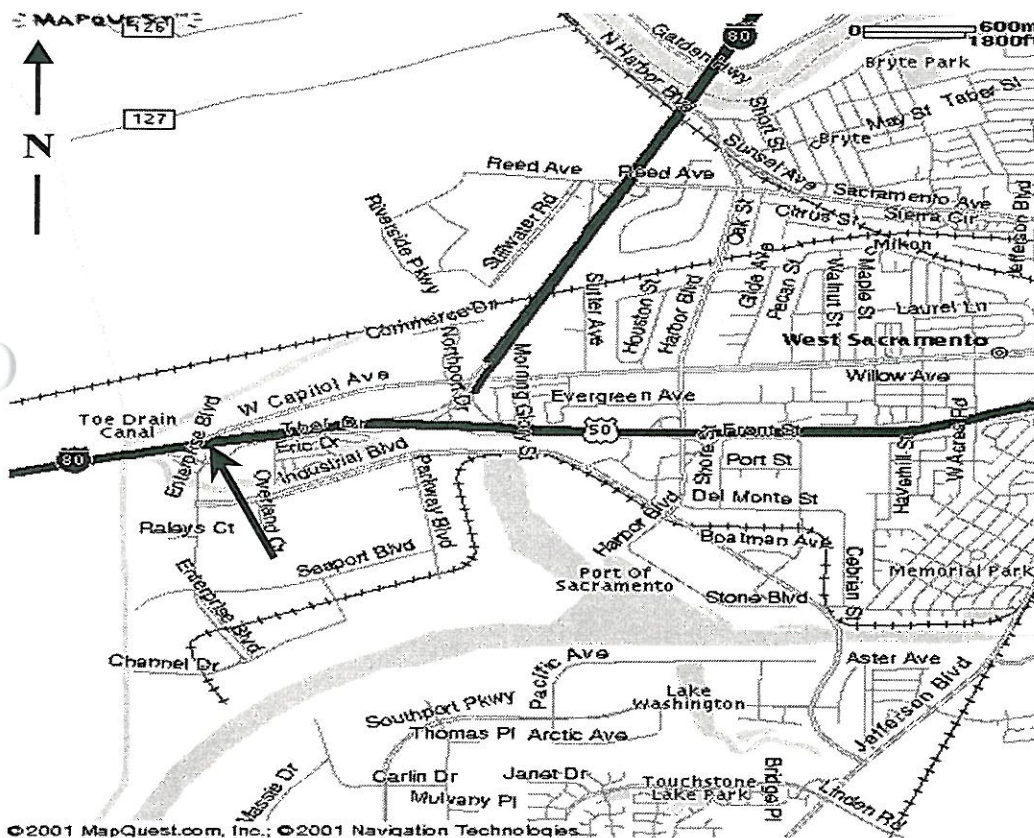
Resolved, that \$2,840,000 be allocated from Budget Act Item 2660-301-0042, Budget Acts of 2000 and 2001 to provide additional funds for the projects on the attached sheet.

**SUMMARY AND CONCLUSIONS**

This resolution allocates \$2,840,000 of additional State and Federal funds for four (4) previously approved projects listed below:

| Project | Dist-Co-Rte | Original<br>Vote/G11<br>Amount | Award<br>Amount | Current<br>Budget<br>Amount | Current<br>Allocation<br>Revision | Revised<br>Budget<br>Amount | Total<br>Increase<br>Vote/Award |
|---------|-------------|--------------------------------|-----------------|-----------------------------|-----------------------------------|-----------------------------|---------------------------------|
| 1       | 03-YOL-80   | \$5,355,000                    | \$5,411,000     | \$6,090,500                 | \$525,000                         | \$6,615,500                 | 24%V                            |
| 2       | 05-SB-101   | \$2,672,000                    |                 | \$2,672,000                 | \$801,000                         | \$3,473,000                 | 30%V                            |
| 3       | 12-ORA-5,91 | \$3,300,000                    | \$3,197,000     | \$4,143,383                 | \$787,000                         | \$4,930,383                 | 54%A                            |
| 4       | 12-ORA-57   | \$3,460,000                    | \$3,598,000     | \$4,701,530                 | \$727,000                         | \$5,428,530                 | 57%V                            |

| Project #<br>Allocation Amount<br>Recipient<br>County<br>Dist-Co-Rte<br>Postmile    | Location<br>Project Description<br>Reason for Supplemental Funds  | EA<br>PPNO<br>Budget Year<br>Item #<br>Prgm Codes<br>Program               | State<br>Federal<br>Current<br>Budget<br>Amount         | State<br>Federal<br>Additional<br>Allocation       | State<br>Federal<br>Revised<br>Total Amount             |
|---|---|--|---|--|---|
| 1<br>\$525,000<br>Department of<br>Transportation<br>Yolo<br>03N-Yol-80<br>8.9/10.0 | In Yolo County on Route 80, in the City of<br>West Sacramento, at the Enterprise<br>Boulevard interchange.<br>Widen Enterprise Boulevard from 2-lanes<br>to 4-lanes.<br><br>Supplemental funds are needed for<br>ongoing project. | 382901<br>3361<br>2000/01<br>301-0042<br>301-0890<br>20.20.075.612<br>STIP | <br><br><br>\$696,500<br>\$5,394,000<br><br>\$6,090,500 | <br><br><br>\$61,000<br>\$464,000<br><br>\$525,000 | <br><br><br>\$757,500<br>\$5,858,000<br><br>\$6,615,500 |



### PROJECT DESCRIPTION AND LOCATION

This project is in Yolo County on Route 80, in the City of West Sacramento, at the Enterprise Boulevard interchange. The project widens Enterprise Boulevard from 2-lanes to 4-lanes, modifies the existing Route 80 undercrossing bridge to accommodate this widening, modifies on and off ramps, provides signalization of intersections and includes landscaping.

### FUNDING STATUS

The project was programmed for construction in the 1998 STIP for \$5,355,000 of Regional Improvement Program (RIP) funds in the 2001/02 Fiscal Year. The project was voted in June 2000, for \$5,355,000. It was awarded January 9, 2001, and had a budget allotment of \$5,411,000. In October



2001, the Resolution G-12 process was used to provide \$679,500 which increased the project's budget to \$6,090,500. This request of \$525,000 will increase the project's budget to \$6,615,500, which represents a 24% increase over the original voted amount.

On September 11, 2001, the Board of Directors of the Yolo County Transportation District approved \$975,000 of 2002 STIP – RIP funds for this cost increase. On November 15, 2001, the Sacramento Area Council of Governments (SACOG) adopted their 2002 Regional Transportation Improvement Program which included this item. Subsequent to these actions the additional funding needed at this time was reduced to \$525,000.

#### BACKGROUND

A consultant firm retained by the City of West Sacramento developed the plans, specifications, and estimate. The Department advertised and awarded the project and is providing construction management. During construction a new retaining wall failed. The failure was attributed to soil conditions being different than anticipated by the designers. A new design was developed for the failed wall and another wall that had not been constructed. The costs to remove the failed wall and replace it plus the additional cost for the second wall were funded by the Resolution G-12 process in October 2001.

#### REASON FOR INCREASE

This supplemental funds request is related to the retaining wall failure. The items and amounts are:

- \$300,000 – Having the contractor use overtime to accelerate work in order to minimize the construction completion delay caused by the retaining wall failure.
- \$75,000 – Contractor delay costs due to the retaining wall failure.
- \$150,000 – Restore the contingency fund for the project.

#### FUNDING OPTIONS

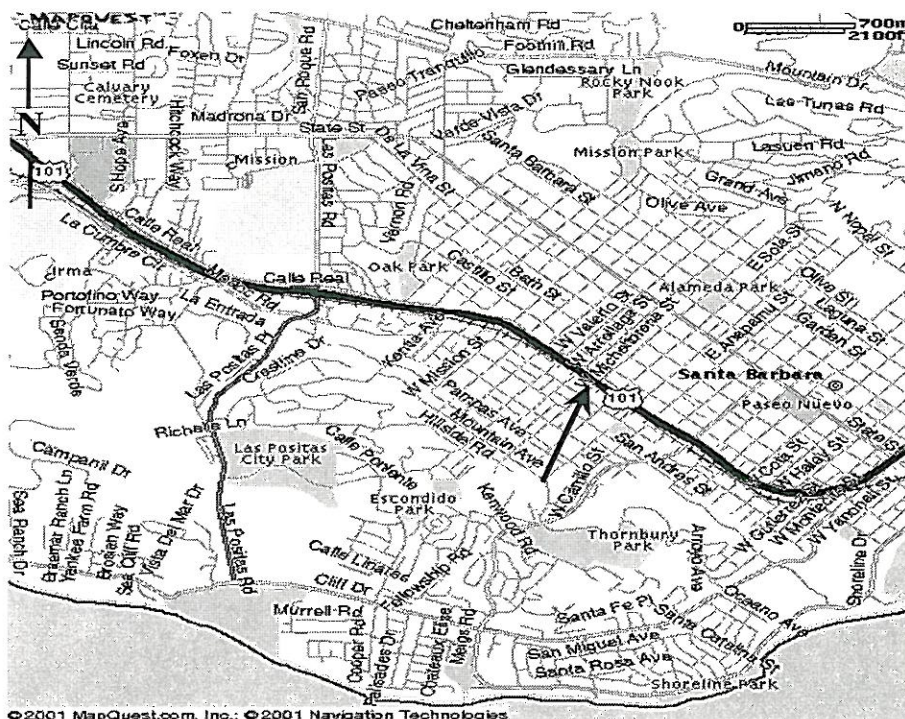
OPTION A: Approve this request as presented above for \$525,000 to allow the completion of the project as proposed above.

OPTION B: Deny this request and direct the Department to complete the contract within the current allocation. The Department considered this option. Denial of this request will most likely result in some work not being completed and/or claims by the contractor. The future costs to resolve these issues would most likely be greater than the current request.

#### RECOMMENDED OPTION

The Department recommends OPTION A as presented above for \$525,000, to allow this project to be completed.

| Project #<br>Allocation Amount<br>Recipient<br>County<br>Dist-Co-Rte<br>Postmile         | Location<br>Project Description<br>Reason for Supplemental Funds   | EA<br>PPNO<br>Budget Year<br>Item #<br>Prgrm Codes<br>Program                | State<br>Federal<br>Current<br>Budget<br>Amount | State<br>Federal<br>Additional<br>Allocation | State<br>Federal<br>Revised<br>Total Amount |
|--|--|--|---|--|---|
| 2<br>\$801,000<br>Department of<br>Transportation<br>Santa Barbara<br>05S-SB-101<br>15.2 | In Santa Barbara County on Route 101, in the City of Santa Barbara, at the Micheltorena Street overcrossing.<br>Replace the existing overcrossing bridge.<br><br>Supplemental funds are needed to advertise project. | 363321<br>0361A<br>2000/01<br>301-0042<br>301-0890<br>20.20.201.110<br>SHOPP | \$307,000<br>\$2,365,000<br>\$2,672,000         | \$92,000<br>\$709,000<br>\$801,000           | \$399,000<br>\$3,074,000<br>\$3,473,000     |



### PROJECT DESCRIPTION AND LOCATION

The project is in Santa Barbara County on Route 101, in the City of Santa Barbara, at the Micheltorena Street overcrossing. The project replaces the existing overcrossing bridge that spans Route 101, the Union Pacific Railroad (UPRR) tracks and a drainage channel. The bridge is being replaced due to reactive aggregates and will be updated for current seismic standards.

### FUNDING STATUS

The project was programmed in the 2000 SHOPP for \$2,672,000 for construction in the 2000/01 Fiscal Year. It was voted in December 2000, for \$2,672,000 and has not been advertised for construction. This request of \$801,000 will increase the project's budget to \$3,473,000 which is an increase of 30% over the original voted amount.



### BACKGROUND

The delay in advertising the project is due to a legal challenge to the Orders of Possession by the UPRR Company regarding the nominal value associated with transverse crossings, and their refusal to sign the Construction and Maintenance (C&M) Agreement. An Order of Possession for permanent easements was granted by the court on September 5, 2001. A court hearing on extension of the Order of Possession for construction easements is scheduled for December 7, 2001. The Department is pursuing the C&M Agreement through the Public Utilities Commission.

### REASON FOR INCREASE

The cost increase is detailed below:

- \$433,000 – Structure cost inflation due to delay in advertising. The estimate was updated based on recent cost trends.
- \$299,000 – Due to safety concerns, the original provision for pedestrians was changed to provide separate temporary pedestrian bridges.
- \$69,000 – Update to new piling standards.

### FUNDING OPTIONS

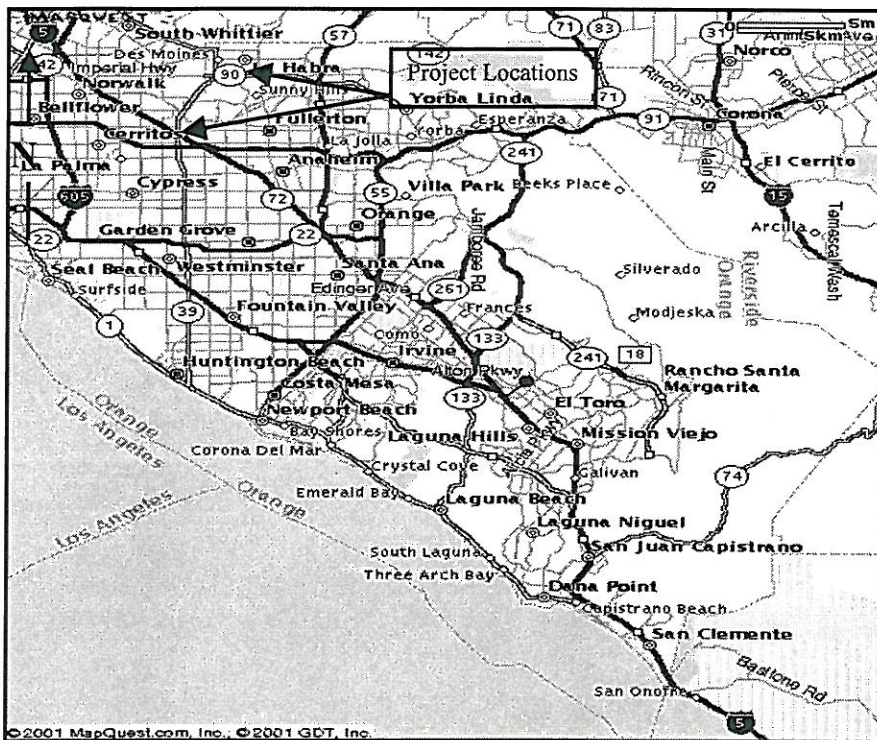
OPTION A: Approve this request as presented above for \$801,000 to allow advertisement of the project.

OPTION B: Deny this request and direct the Department to deliver the project for the programmed amount. The Department considered this option. However, there are few design options when replacing a bridge in a developed area. Due to the reactive aggregates, within the existing bridge, and seismic requirements it is not cost effective to attempt a rehabilitation solution.

### RECOMMENDED OPTION

The Department recommends OPTION A as presented above for \$801,000, to allow this project to be advertised.

| Project #<br>Allocation Amount<br>Recipient<br>County<br>Dist-Co-Rte<br>Postmile                        | Location<br>Project Description<br>Reason for Supplemental Funds  | EA<br>PPNO<br>Budget Year<br>Item #<br>Prgr Codes<br>Program                | State<br>Federal<br>Current<br>Budget<br>Amount | State<br>Federal<br>Additional<br>Allocation | State<br>Federal<br>Revised<br>Total Amount |
|---|---|---|---|--|---|
| 3<br>\$787,000<br>Department of<br>Transportation<br>Orange<br>12S-Ora-5, 91<br>12.9/23.1<br>R9.2,R18.9 | In Orange County at various locations<br>along Route 5 and Route 91.<br>Contractor filed bankruptcy.<br><br>Supplemental funds are needed for<br>ongoing project.<br><br>(\$2,109,383 in CON expended under EA<br>068504; remaining project balance of<br>\$1,607,317 transferred to this project.) | 0C7101<br>3407<br>2001/02<br>301-0042<br>301-0890<br>20.20.201.310<br>SHOPP | \$4,143,383<br><br><br><br><br>\$4,143,383      | \$787,000<br><br><br><br><br>\$787,000       | \$4,930,383<br><br><br><br><br>\$4,930,383  |



### PROJECT DESCRIPTION AND LOCATION

The project is in Orange County at various locations along Routes 5 and 91. The project installs closed circuit television (CCTV) and fiber optic communication systems.

### FUNDING STATUS

The project was originally programmed with Traffic System Management (TSM) funds for \$3,300,000 for construction in the 1996/97 Fiscal Year, under EA 068501.



Project Allocations:

|   |                |
|---|----------------|
| June 1997 – Original CTC Vote                                       | \$3,300,000    |
| Oct. 1997 – G-12 Adjustment following award                         | -103,000       |
| Sep. 2001 – G-12 Remaining Authority for new contract               | 519,700        |
| Oct. 2001 – Supplemental Funds for new contract                     | 426,683        |
| Dec. 2001 – Supplemental Funds to award new contract (this request) | <u>787,000</u> |
| Total (54% increase over the original award)                        | \$4,930,383    |

Original Contract Expenditures (terminated Aug. 2000) \$2,109,383

Balance for completion contract (EA 0C7101) \$2,821,000

BACKGROUND

In August 2000 the contractor went bankrupt and their contract was terminated. About 64% of the work had been completed. When the bonding surety was unable to hire a contractor to complete the work, they asked the Department to complete the work through a new contract. The project was readvertised after the Commission approved supplemental funding in October 2001. Three bids were received, but all exceeded the Engineer's Estimate for the completion contract and additional funding is needed to award the contract. The surety will be billed, after the completion of the work, for all costs above the original allocation up to the limits of their policy.

REASON FOR INCREASE

The increased cost to complete the remaining work can be attributed to the increased price of fiber optic cables and equipment since the project was originally awarded and for repairs to damaged pull boxes, eroded conduit, and broken foundations.

FUNDING OPTIONS

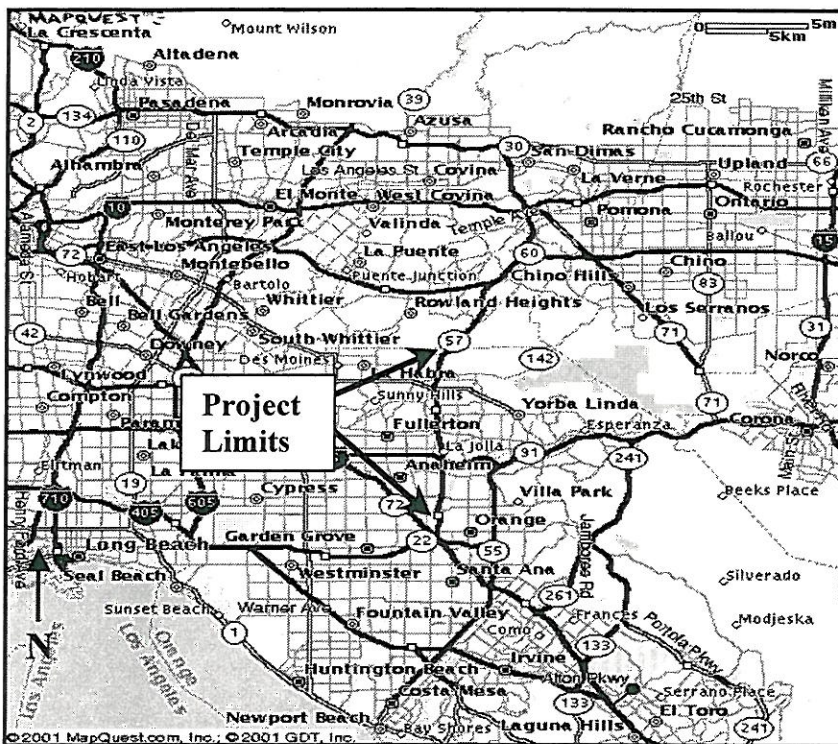
OPTION A: Approve this request as presented above for \$787,000 to allow the remaining work to be completed.

OPTION B: Deny this request. This would not allow the work to be completed.

RECOMMENDED OPTION

The Department recommends OPTION A as presented above for \$787,000, to allow this project to be completed.

| Project #<br>Allocation Amount<br>Recipient<br>County<br>Dist-Co-Rte<br>Postmile   | Location<br>Project Description<br>Reason for Supplemental Funds  | EA<br>PPNO<br>Budget Year<br>Item #<br>Prgm Codes<br>Program                | State<br>Federal<br>Current<br>Budget<br>Amount | State<br>Federal<br>Additional<br>Allocation | State<br>Federal<br>Revised<br>Total Amount |
|--|---|---|---|--|---|
| 4<br>\$727,000<br>Department of<br>Transportation<br>Orange<br>12S-Or-57<br>10.8/22.5                                      | In Orange County, in Orange, Placentia,<br>Brea and Fullerton, between Route 5 and<br>the Los Angeles County Line.<br>Contractor filed bankruptcy.<br><br>Supplemental funds are needed for<br>ongoing project. | 0C7201<br>1973<br>2001/02<br>301-0042<br>301-0890<br>20.20.201.310<br>SHOPP | \$4,701,530<br><br><br><br><br>\$4,701,530      | \$727,000<br><br><br><br><br>\$727,000       | \$5,428,530<br><br><br><br><br>\$5,428,530  |
| (\$2,121,530 in CON expended under EA<br>0769U4; remaining project balance of<br>\$1,884,470 transferred to this project.) |   |   |   |  |   |



## PROJECT DESCRIPTION AND LOCATION

The project is in Orange County on Route 57 in the Cities of Orange, Placentia, Brea and Fullerton between Route 5 and the Los Angeles County Line. The project installs closed circuit television (CCTV), fiber optic communication systems and traffic operations surveillance stations.

## FUNDING STATUS

The project was originally programmed with Traffic System Management (TSM) funds for \$3,460,000 for construction in the 1997/98 Fiscal Year, under EA 0769U1.



Project Allocations:

|   |                |
|---|----------------|
| June 1998 – Original CTC Vote                                       | \$3,460,000    |
| Sep. 1998 – G-12 Adjustment to allow award                          | 138,000        |
| Sep. 2001 – G-12 Remaining Authority for new contract               | 408,000        |
| Oct. 2001 – Supplemental Funds for new contract                     | 695,530        |
| Dec. 2001 – Supplemental Funds to award new contract (this request) | <u>727,000</u> |
| Total (57% increase over the original vote)                         | \$5,428,530    |

Original Contract Expenditures (terminated Aug. 2000) \$2,121,530

Balance for completion contract (EA 0C7201) \$3,307,000

BACKGROUND

In August 2000 the contractor went bankrupt and their contract was terminated. About 61% of the work had been completed. When the bonding surety was unable to hire a contractor to complete the work, they asked the Department to complete the work through a new contract. The project was readvertised after the Commission approved supplemental funding in October 2001. Three bids were received, but all exceeded the Engineer's Estimate for the completion contract and additional funding is needed to award the contract. The surety will be billed, after the completion of the work, for all costs above the original allocation up to the limits of their policy.

REASON FOR INCREASE

The increased cost to complete the remaining work can be attributed to the increased price of fiber optic cables and equipment since the project was originally awarded and for repairs to damaged pull boxes, eroded conduit, and broken foundations.

FUNDING OPTIONS

OPTION A: Approve this request as presented above for \$727,000 to allow the remaining work to be completed.

OPTION B: Deny this request. This would not allow the work to be completed.

RECOMMENDED OPTION

The Department recommends OPTION A as presented above for \$727,000, to allow this project to be completed.